Subject Index to Volume 23

A

Alcoholics, chronic 43
American conditioning enterprise, Pavlov's impact on the 102
Amphetamine effects on unconditional and conditional instrumental responses with alimentary and social rewards in dogs 10
Amphetamine increases intertrial but not conditional instrumental responding in the cortico-basomedial amygdalar dogs 4

B

Book Reviews
Human hand and other ailments: Letters to The New England Journal of Medicine 132
The making of mind: a personal account of Soviet Psychology 173
Motivation in functional systems: systems research in physiology (volume 1) 174
Temperament, Kharakter, Lichnost (temperament, character, personality) 133

C

Chronic alcoholics, orienting reaction habituation in 43
Classical conditioning, movement as a signal during 95
Conditional emotional response II, a rapid and sensitive method for measuring the 29
Conditional stimuli, Pavlovian, definition of 158
Cortico-basomedial amygdalar dogs, amphetamine increases intertrial but not conditional instrumental responding in 4

D

Distraction strategies for increasing pain tolerance, visual stimuli in 67

F

Fetal brain tissue, transplantation of 143

G

Gantt, an archivist's perspective 75

H

Heart rate, in conditional reflex test, differentiation of neurotic from normal people 15
Heating and cooling treatment, systemic responses in man exposed to 89

I

Imitative behavior: a theoretical view 125

L

Long latency audi' ked potentials 35

M

Monotonous stimulation, development of sleep during 118
Movement as a signal during classical conditioning 95

N

Neuronal manifestation of two-way connections in conditioning 135
Neurotic and psychosomatic disturbances, functional deficiency of REM sleep and its role in the pathogenesis of 1

O

On-the-baseline excitatory conditioning and extinction 29
Opiate receptor binding in the brain of rat during stress 54
Orienting reaction habituation in chronic alcoholics 43
Orienting response context, verbal conditioning of stimulus significance in the 22

P

Pavlov and the Rockefeller Foundation 107
Pavlovian conditional stimuli, definition of 158
Pavlovian Society
Future meetings 87

1987 meeting program 78
Minutes of the 1987 business meeting 78
Pavlov's impact on the American conditioning enterprise 102
Performance enhancement in a semi-autonomous confined microsociety 111

R

Reaction time task as unconditional stimulus 165
REM sleep, functional deficiency of, and its role in the pathogenesis of neurotic and psychosomatic disturbances 1
Repeated acquisition of serial position responses in pigeons, failure of administration of ^{9}-tetrahydrocannabinol to affect the 57
Rockefeller Foundation, Pavlov and the 107

S

Semi-autonomous confined microsociety, performance enhancement in a 111
Sleep, development of, during monotonous stimulation as related to individual differences 118
Systemic responses in man exposed to different heating and cooling treatment in a sauna 89

T

^{9}-Tetrahydrocannabinol, failure of acute and chronic administration of, to affect the repeated acquisition of serial position responses in pigeons 57
Transplantation of fetal brain tissue 143
Two-way connections in conditioning, neuronal manifestation of 135

U

Unconditional stimulus, reaction time task as 165

V

Verbal conditioning of stimulus significance in the orienting response context 22
Visual stimuli in distraction strategies for increasing pain tolerance 67

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Act of August 12, 1970: Section 3685. Title 39 United States Code) Date of Filing—October 1, 1988, Title of Publication—PAVLOVIAN JOURNAL OF BIOLOGICAL SCIENCES; Frequency of Issue—Quarterly; Annual Subscription Price—$69.00; Location of Known Office of Publication—Downsville Pike, Rt. 3, Box 20-B, Hagerstown, MD 21740; Location of Headquarters or General Business Offices of the Publisher—East Washington Square, Philadelphia, PA 19105; Publisher—J. B. Lippincott Company, East Washington Square, Philadelphia, PA 19105; Editor—F. J. McGuigan, Ph.D., United States International University, 10455 Pomerado Road, San Diego, California 92131; Managing Editor—Theresa Rosen, East Washington Square, Philadelphia, PA 19105; Owner—J. B. Lippincott Company, East Washington Square, Philadelphia, PA 19105; Known Bondholders, Mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities—Harper & Row Publishers, Inc., 10 East 53rd Street, New York, NY 10022. A. Total no. copies printed (*net press run*), average 512, actual 550; B. Paid circulation 1. Sales through dealers and carriers, street vendors and counter sales, average none, actual none; 2. Mail subscriptions, average 400, average 381; C. Total paid circulation, average 400, average 381; D. Free distribution by mail, carrier or other means. Samples complimentary, and other free copies, average 39, actual 35; E. Total distribution (*sum of C and D*), average 439, actual 416; E. Copies not distributed 1. Office use, leftover, unaccounted, spoiled after printing, average 73, actual 134. Returns from news agents, none; G. Total (*sum of E & F—should equal net press run shown in A*), average 512, actual 550. I certify that the statements made by me above are correct and complete. Tish Packman, *Circulation Manager*.

Contributors to Volume 23

A

Aung, Maung 35

B

Barry, Robert J. 22
Bernstein, Daniel J. 111
Brady, Joseph V. 111
Buttrick, M. 29

C

Coleman, S. R. 102

D

Dalessio, Donald J. 35
Daum, Irene 118
Davydova, E. K. 95

F

Florea-Ciocoiu, V. 43
Foltin, Richard W. 111
Fonberg, E. 4, 10

G

Georgiev, P. 54

H

Heaton, Nancy A. 75
Hehl, F. J. 118
Hilpert, Albert 158

J

Jacobs, W. J. 29

K

Kennedy, D. 29
Khasanov, A. A. 89
Kimmel, Herbet D. 158
Kostarczyk, E. 4, 10
Kuppers, J. R. 107

L

Lachnit, Harald 158
Leonard, J. P. 118
Lipp, Ottmar V. 165

M

Maltzman, Sara 67
McMillan, D. E. 57
Merzhanova, Galina Kh. 135

N

Nellis, Margaret J. 111

O

O'Reilly, Helen 22

P

Panova, D. 54
Pieper, Wolfgang 158
Polich, John 35

R

Rogozea, R. 43
Rotenberg, V. S. 1

S

Santibáñez-H., Guy 15
Schroeder, Heidemarie 15
Sinitchkin, V. V. 89
Sirakova, I. 54
Sirakov, L. M. 54
Sudakov, K. V. 89

V

Vaitl, D. 165

W

Windholz, George 107
Woodruff, Michael L. 143
Wyrwicka, Wanda 125